AMENDMENTS TO THE CLAIMS

1. (Original) A portable device having an image pick-up unit picking-up an image of an object and outputting image information, comprising:

a light source emitting light to said object;

control means for controlling an emission by said light source based on quantity of light emission, in an image pick-up mode; and exposure detecting means for detecting exposure level based on said image information; wherein

said control means includes

light emission quantity determining means for determining said quantity of light emission,

comparing means for comparing said exposure level detected by said exposure detecting means with said light source emitting light based on said light emission quantity determined by said light emission quantity determining means and said exposure level detected by said exposure detecting means with said light source not emitting light; and

said light emission quantity determining means determines said light emission quantity based on a result of comparison by said comparing means.

2. (Original) The portable device having an image pick-up unit according to claim 1, wherein

said comparing means detects a difference by comparing said exposure level detected by said exposure detecting means with said light source emitting light based on said light emission quantity determined by said light emission quantity determining means and said exposure level detected by said exposure detecting means with said light source not emitting light; and

said light emission quantity determining means determines, based on said difference detected by said comparing means, said light emission quantity to have said exposure level match an optimal level.

3. (Currently Amended) The portable device having an image pickup unit according to claim 2, wherein

said optimal level is a target said exposure level for said image information.

4. (Original) The portable device having an image pick-up unit according to claim 2, wherein

said comparing means and said light emission quantity

determining means are activated repeatedly until said exposure level

detected by said exposure detecting means with said light source
emitting light based on said light emission quantity determined by said

light emission quantity determining means and said exposure level detected by said exposure detecting means immediately thereafter with said light source not emitting light match said optimal level.

5. (Original) The portable device having an image pick-up unit according to claim 2, further comprising

a storing unit storing image data corresponding to said image information; wherein

when said exposure level detected by said exposure detecting means matches said optimal level, said image data is stored in said storing unit.

6. (Original) The portable device having an image pick-up unit according to claim 2, further comprising

a shutter key operated from the outside to instruct storage of said image data to said storing unit; wherein

when said exposure level detected by said exposure detecting means matches said optimal level, whether said shutter key is operated or not is determined.

7. (Original) The portable device having an image pick-up unit according to claim 2, wherein

said light emission quantity determining means includes a table having said light emission quantity registered corresponding to each of a plurality of said differences; and

said table is looked-up based on said difference detected by said comparing means to read corresponding said light emission quantity.

8. (Original) The portable device having an image pick-up unit according to claim 2, wherein

said control means further includes

starting state setting means for setting said light source to a nonemission state at a start of said image pick-up mode, and

start level determining means for determining whether said exposure level detected by said exposure detecting means in said nonemission state set by said starting state setting means matches said optimal level or not; wherein

when it is determined by said start level determining means that the exposure level does not match, said light emission quantity determining means and said comparing means are activated.

9. (Original) The portable device having an image pick-up unit according to claim 8, wherein

when it is determined by said start level determining means that the exposure level does not match, said light emission quantity determining means determines said light emission quantity to be the maximum quantity that can be emitted by said light source.

10. (Original) The portable device having an image pick-up unit according to claim 1, wherein

said image pick-up mode includes a close-up mode and a nonclose-up mode that are switchable.

11. (Original) An exposure adjusting device, comprising:
exposure detecting means for detecting an exposure level based on
image information obtained by picking-up an image of an object;

light emission quantity determining means for determining, in an image pick-up mode, a light emission quantity of a light source provided in advance for emitting light to said object; and

comparing means for comparing said exposure level detected by said exposure detecting means with said light source emitting light based on said light emission quantity determined by said light emission quantity determining means and said exposure means detected by said exposure detecting means with said light source not emitting light; wherein

said light emission quantity determining means determines said light emission quantity based on a result of comparison by said comparing means.

12. (Original) The exposure adjusting device according to claim 11, wherein

said comparing means detects a difference by comparing said exposure level detected by said exposure detecting means with said light source emitting light based on said light emission quantity determined by said light emission quantity determining means and said exposure level detected by said exposure detecting means with said light source not emitting light; and

said light emission quantity determining means determines, based on said difference detected by said comparing means, said light emission quantity to have said exposure level match an optimal level.

13. (Currently Amended) The exposure adjusting device according to claim 12, wherein

said optimal level is a target said exposure level for said image information.

14. (Original) The exposure adjusting device according to claim 12, wherein

said comparing means and said light emission quantity

determining means are activated repeatedly until said exposure level

detected by said exposure detecting means with said light source

emitting light based on said light emission quantity determined by said light emission quantity determining means and said exposure level detected by said exposure detecting means immediately thereafter with said light source not emitting light match said optimal level.

15. (Original) The exposure adjusting device according to claim 12, wherein

said light emission quantity determining means includes a table having said light emission quantity registered corresponding to each of a plurality of said differences; and

said table is looked-up based on said difference detected by said comparing means to read corresponding said light emission quantity.

16. (Original) The exposure adjusting device according to claim 12, further comprising:

starting state setting means for setting said light source to a nonemission state at a start of said image pick-up mode, and

start level determining means for determining whether said exposure level detected by said exposure detecting means in said nonemission state set by said starting state setting means matches said optimal level or not; wherein when it is determined by said start level determining means that the exposure level does not match, said light emission quantity determining means and said comparing means are activated.

17. (Original) The exposure adjusting device according to claim 16, wherein

when it is determined by said start level determining means that the exposure level does not match, said light emission quantity determining means determines said light emission quantity to be the maximum quantity that can be emitted by said light source.

18. (Original) The exposure adjusting device according to claim 11, wherein

said image pick-up mode includes a close-up mode and a nonclose-up mode that are switchable.

- 19. (Original) A portable device having an image pick-up unit picking-up an image of an object and outputting image information, comprising:
 - a light source emitting light to said object;
- a storing unit storing image data corresponding to said image information;
 - a shutter key; and

control means storing image data corresponding to said image information in said storing unit in response to an operation of said shutter key, and starting emission of light of said light source in response to an exposure level based on said image information regardless of an operation of said shutter key when an image pick-up mode is set.

20. (Original) The portable device having an image pick-up unit according to claim 19, wherein

said control means stops emission of said light source in response to the exposure level based on said image information regardless of the operation of said shutter key, in a state after emission of said light source is started.

21. (Original) The portable device having an image pick-up unit according to claim 20, further comprising

a display unit for displaying various pieces of information; wherein said control means displays image data corresponding to said image information on said display unit when said image pick-up mode is set.

22. (Original) The portable device having an image pick-up unit according to claim 19, further comprising

a display unit for displaying various pieces of information; wherein

said control means displays image data corresponding to said image information on said display unit when said image pick-up mode is set.